

Dr. Duke's Phytochemical and Ethnobotanical Database

Chemicals Found in *Artemisia capillaris*

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
67	1,8-CINEOLE	Essential Oil	--	--		
0	1-(2'-METHOXYPHENYL)-2,4-HEXADIYNE	Essential Oil	--	--		
0	3,5-DIMETHOXYALLYL-BENZENE	Essential Oil	--	--		
0	4'-METHYLCAPILLARISIN	Plant	--	--		
0	5-PHENYL-1,3-PENTADIYNE	Leaf	--	--		
0	5-PHENYL-1,3-PENTADIYNE	Root	--	--		
0	5-PHENYL-1,3-PENTADIYNE	Seed	--	--		
0	5-PHENYL-1,3-PENTADIYNE	Stem	--	--		
3	6,7-DIMETHYLESCULETIN	Plant	--	--		
0	6-DEMETHOXY-4'-METHYLCAPILLARISIN	Plant	--	--		
0	6-DEMETHOXYCAPILLARISIN	Plant	--	--		
1	7-METHYLCAPILLARISIN	Plant	--	--		
0	ACETYLBORNEOL	Plant	--	--		
1	AESCULETIN-6,7-DIMETHYL-ETHER	Plant	--	--		
0	AESCULETIN-DIMETHYL-ETHER	Fruit	--	--		
0	AESCULETIN-DIMETHYL-ETHER	Leaf	--	--		
0	ALPHA-BERGAMOTENE	Essential Oil	--	--		
0	ALPHA-COPAENE	Essential Oil	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
2	ALPHA-HUMULENE	Essential Oil	--	--		
28	ALPHA-PINENE	Essential Oil	--	--		
13	ALPHA-TERPINENE	Essential Oil	--	--		
23	ALPHA-TERPINEOL	Essential Oil	--	--		
1	ARCAPILLIN	Plant	--	--		
2	ARSENIC	Plant	0.16	0.16	-0.44305148987388165	
10	AZULENE	Essential Oil	--	--		
6	BETA-BISABOLENE	Essential Oil	--	--		
0	BETA-CARYOPHYLLENE	Essential Oil	--	--		
0	BETA-COPAENE	Plant	--	--		
5	BETA-ELEMENE	Essential Oil	--	--		
0	BETA-GURJUNENE	Essential Oil	--	--		
13	BETA-PINENE	Essential Oil	--	--		
6	BUTYRIC-ACID	Essential Oil	--	--		
102	CAFFEIC-ACID	Plant	--	--		
28	CALCIUM	Plant	15200	15200	0.17228119832763905	
9	CAMPHENE	Essential Oil	--	--		
0	CAPILLANOL	Essential Oil	--	--		
2	CAPILLARIN	Essential Oil	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
4	CAPILLARISIN	Plant	--	--		
0	CAPILLARTEMISINS	Plant	--	--		
0	CAPILLENE	Essential Oil	--	--		
5	CAPILLIN	Essential Oil	--	--		
0	CAPILLONE	Essential Oil	--	--		
3	CAPRIC-ACID	Essential Oil	--	--		
1	CAPROIC-ACID	Essential Oil	--	--		
5	CAPRYLIC-ACID	Essential Oil	--	--		
0	CAR-3-ENE	Plant	--	--		
0	CHROMONE	Plant	--	--		
10	CIRSILINEOL	Plant	--	--		
0	CIRSIMARITRIN	Plant	--	--		
12	COPPER	Plant	8	8	-0.666293583807107	
57	COUMARIN	Plant	--	--		
0	DEHYDROFALCARINOL	Plant	--	--		
0	DEHYDROFALCARINONE	Plant	--	--		
0	EO	Plant	1000	2300	-0.565332667561397	
30	ESCULETIN	Plant	--	--		
1	ESCULETIN-6,7-DIMETHYL-ETHER	Plant	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
76	EUGENOL	Essential Oil	--	--		
2	EUPATOLITIN	Plant	--	--		
11	GAMMA-TERPINENE	Essential Oil	--	--		
3	GENKWANIN	Plant	--	--		
0	HEPTANOIC-ACID	Essential Oil	--	--		
6	IRON	Plant	200	200	-0.5027757133230009	
7	LAURIC-ACID	Essential Oil	--	--		
27	LINOLEIC-ACID	Essential Oil	--	--		
8	M-CRESOL	Essential Oil	--	--		
65	MAGNESIUM	Plant	1000	1000	-0.9518817322004346	
14	MANGANESE	Plant	37	37	-0.4297190494591039	
1	MERCURY	Plant	0.05	0.05	-0.5015252885658961	
20	METHYL-EUGENOL	Plant	--	--		
22	MYRCENE	Essential Oil	--	--		
6	MYRISTIC-ACID	Essential Oil	--	--		
0	NEOCAPILLENE	Root	--	--		
2	NONANOIC-ACID	Essential Oil	--	--		
0	NORCAPILLENE	Plant	10	10		
6	O-CRESOL	Essential Oil	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	O-ETHYLPHENOL	Essential Oil	--	--		
18	OLEIC-ACID	Essential Oil	--	--		
8	P-CRESOL	Essential Oil	--	--		
0	P-CYMEN-8-OL	Essential Oil	--	--		
16	P-CYMENE	Essential Oil	--	--		
0	P-ETHYL-PHENOL	Essential Oil	--	--		
13	PALMITIC-ACID	Essential Oil	--	--		
1	PENTADECANOIC-ACID	Essential Oil	--	--		
26	PHENOL	Essential Oil	--	--		
14	POTASSIUM	Plant	22000	22000	0.014141021122539324	
7	RHAMNOCITRIN	Plant	--	--		
5	SABINENE	Essential Oil	--	--		
44	SCOPOLETIN	Bud	--	--		
1	SODIUM	Plant	1010	1010	-0.24816820293680328	
8	STEARIC-ACID	Essential Oil	--	--		
9	TERPINOLENE	Essential Oil	--	--		
2	TRIDECANOIC-ACID	Essential Oil	--	--		
0	UNDECANOIC-ACID	Essential Oil	--	--		
77	ZINC	Plant	22	22	-0.2973055462924508	